

INFORMATION DISCLOSURE CITATION PTO-1449	Atty. Docket No. 010481A	Serial Number: Filed Concurrently
	Applicant(s): Keishi Nakamura et al 10/823666	
	Filing Date: April 14, 2004	Group Art Unit: Not Yet Assigned

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)	
KE	AA	5,604,477	Rainer et al	2/18/97	338	293	corresponds to reference AF
—	AB						
—	AC						
—	AD						

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)
AE 2000-114009	4/21/00	JP KE	Yes, abstract
AF 08-236324	9/13/96	JP	Yes, abstract, corresponds to reference AA
AG 06-224014	8/12/94	JP	Yes, abstract
AH 2-77101	3/16/90	JP	yes

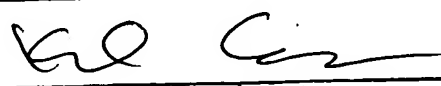
OTHER DOCUMENTS

—	AI	
Examiner	Date Considered	

attached - see 892s from parent,
attached here as an
extension to 1449

KE

4/14/2001 1449 ATTACHMENT
BEST AVAILABLE COPY

FORM PTO-892		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO. 09/825446	GROUP ART UNIT 2832	ATTACHMENT TO PAPER NO.	5
NOTICE OF REFERENCES CITED				APPLICANT(S) 101823666 Nakamura et al.			
U.S. PATENT DOCUMENTS							
*		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	A	4,529,958	7/1985	Person et al.			
	B	4,580,095	4/1986	Vries	324	126	
	C	4,803,345	2/1989	Hoshizaki et al.	219	553	
	D	4,991,059	2/1991	Kiyose	361	773	
	E	5,111,002	5/1992	Hollander			
	F	5,214,407	5/1993	McKim Jr. et al.	338	49	
	G	5,218,334	6/1993	Bartlett	338	61	
	H	5,573,692	11/1996	Das et al.	219	543	
	I	5,999,085	12/1999	Szwarc et al.	338	309	
	J	6,148,502	11/2000	Gerber et al.	29	621	
	K	6,181,234	1/2001	Szwarc et al.	338	53	
FOREIGN PATENT DOCUMENTS							
*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS
	L						
	M						
	N						
	O						
	P						
	Q						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	R						
	S						
	T						
	U	 3/2/15					
EXAMINER Karl Easthom			DATE August 13, 2001		Form892ccs2106b		
* A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, section 707.05(a).)							

FORM PTO-892

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

SERIAL NO.

GROUP ART
UNITATTACHMENT
TO PAPER NO.

16

NOTICE OF REFERENCES CITED

~~09/825446~~
~~18/823876~~

2832

APPLICANT(S)

Nakamura et al.

U.S. PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	A	6,441,718	8/2002	Smějkal et al.	338	329	
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						

FOREIGN PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS
	L						
	M						
	N						
	O						
	P						
	Q						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	R	
	S	
	T	
	U	

EXAMINER

Karl Easthom

DATE

September 17, 2002

Form 892ccs2106b

* A copy of this reference is not being furnished with this office action.
(See Manual of Patent Examining Procedure, section 707.05(a).)

4/14/2004

1449 ATTACH
BEST AVAILABLE COPY

PAGE 1 OF 1

FORM PTO-892		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO. 091825446 0182366	GROUP ART UNIT 2832	ATTACHMENT TO PAPER NO.	18
NOTICE OF REFERENCES CITED				APPLICANT(S) Nakamura et al.			
U.S. PATENT DOCUMENTS							
*		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	A	4,829,553	5/1989	Shindo et al.	338	309	
ker	B	6,005,474	12/1999	Takouchi et al.	338	320	
K2	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						
FOREIGN PATENT DOCUMENTS							
*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS
	L						
	M						
	N						
	O						
	P						
	Q						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	R						
	S						
	T						
	U	ker 30/21/5					
EXAMINER Karl Easthom			DATE February 19, 2003		* updated 4/8/03 and FAXed 6 Apr. F2		
Form 892ccs2106b							
* A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, section 707.05(a).)							

4/14/2004 1449 ATTACH
BEST AVAILABLE COPY

FORM PTO-892		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO. 09/825446 10/823166	GROUP ART UNIT 2832	ATTACHMENT TO PAPER NO.	24
NOTICE OF REFERENCES CITED				APPLICANT(S) Nakamura et al.			
U.S. PATENT DOCUMENTS							
*		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	A	2,407,251	9/1946	Christensen	338	325	
	B	2,745,931	5/1956	Heibel	338	309	
	C	3,525,065	8/1970	Person	338	254	
	D	3,654,580	4/1972	Laisi	338	61	
	E	3,959,763	5/1976	Sibley et al.	338	20	
	F	4,083,029	4/1978	Lahiri	338	32S	
	G	4,912,974	4/1990	Inada et al.	73	204.25	
	H	5,287,083	2/1994	Person et al.	338	332	
	I	5,929,746	7/1999	Edwards Jr. et al	338	320	
	J	6,194,990	2/2001	Lee et al.	338	320	
	K	6,433,666	8/2002	Inoue et al.	338	22R	
FOREIGN PATENT DOCUMENTS							
*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB- CLASS
	L						
	M						
	N						
	O						
	P						
	Q						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	R						
	S						
	T						
	U	3121/6					
EXAMINER Karl Easthom			DATE June 11, 2003		Form892ccs2106b		
* A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, section 707.05(a).)							